

FIG. 1

XML MESSAGE DEFINITION

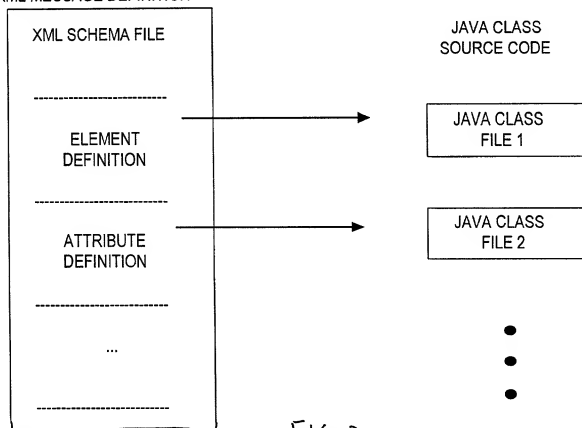
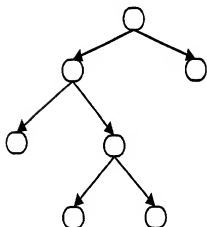


FIG. 2

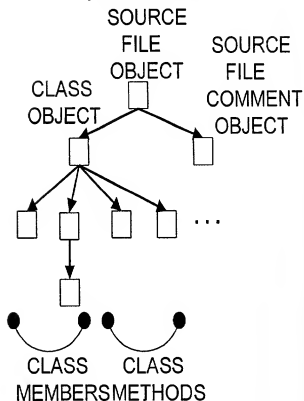
1006039.02847

324
FIRST IN-MEMORY
REPRESENTATION
OF MESSAGE DEFINITION
(e.g., XML SCHEMA
DEFINITION
OBJECT TREE)



330
COMPILE

334
SECOND IN-MEMORY
REPRESENTATION
OF SOURCE CODE



FILE

XML SCHEMA FILE

314
MESSAGE
DEFINITION

JAVA CLASS SOURCE
FILE

344

FIG. 3

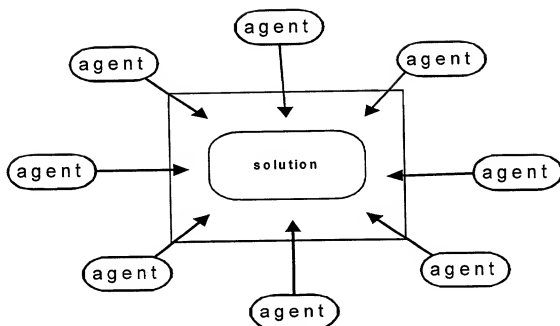


FIG. 4

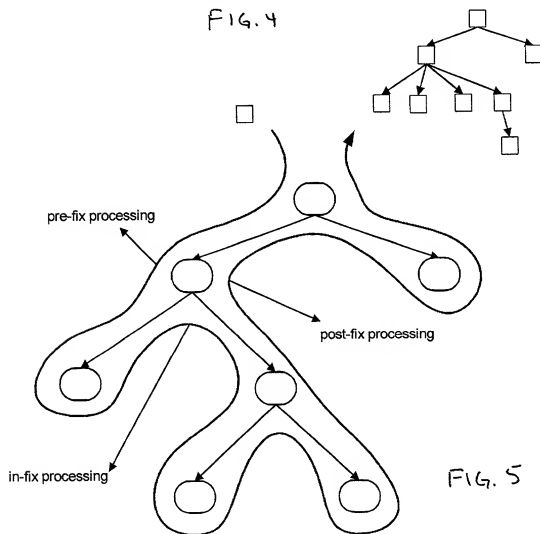


FIG. 5

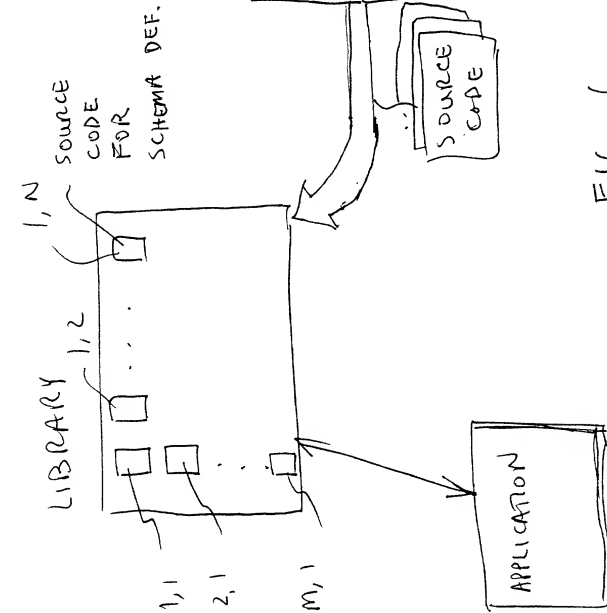


FIG. 6

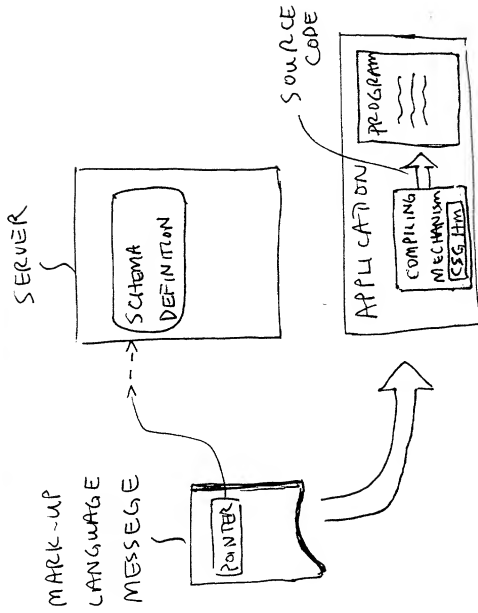


FIG. 7